

Cracklin' Static

September 2018 Edition



Breakfast Meeting – Sat, Aug 4th

Boomtown Casino Hotel
Events Center
I-80 at Exit 4 in Verdi

Breakfast Buffet – 7:30am - \$12
General Meeting – 8:00am

John and the Techs will be singing about our Repeaters.....

SNARS NET on DMR – Tuesday 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury – As of Aug 8

Checking	5,738
Savings	5,773
Self Ins	1,541
Convention	6,744
PayPal	5,657
Total	26,463

SNARS Membership – ending July 30

Extra	122	35%
General	92	26%
Technician	119	34%
Advanced	15	5%

SNARS Members	348
ARRL Members	232

President's Voice

President Anthony Marcin, W7XM

Email: w7xm@snars.org | Telegram: @w7xm_nv



It is time again for our annual call of nominations for the board of directors. We will have 3 positions open for this year's election. If you are willing to serve on one of the largest Amateur

Radio organization in Nevada please let us know by sending an email to nominations@snars.org. This is a two-year term which will begin January 1st, 2019.

We are also getting close to our Nevada QSO Party! If you are interested in joining in on the fun visit <http://nvqso.com>. We have a handful of scheduled activations and the goal is to have all counties in the state activated for the event. If you have the time and willing to activate a county, please visit the site and click on the activations link at the top to register.

Finally, we are already in the planning stages for NVCON 2019! We are looking for a Presenter Coordinator and a Ham Swap Coordinator. If you are interested, please contact myself by sending an email to w7xm@snars.org. We will be meeting soon and hope to be able to fill the positions for 2019.

Don't forget about our monthly breakfast meeting this Saturday at Boomtown and of course, join in on the two nets we have, the Daily Noon Net on the SNARS Linked System and Tuesday nights at 8:00 pm on DMR on the SNARS Talk Group 31328.

73,

Tony, W7XM



PO BOX 7727 Reno NV 89510
 Yearly Dues: \$40.00 Individual • \$50.00 Family
 775.453.4142 <http://snars.org>

2018 Officers

President.....Anthony Marcin, W7XM
 Vice-President.....Jim Shepherd, W6US
 Treasurer.....Bill Jones, AE7OX
 Secretary.....Rob Dunbar, NB6C
 DirectorWes Vick, KG7QXE
 DirectorJohn Byerly, N7ROJ
 DirectorBarry Bettman, K6ST

2018 Staff

Cracklin StaticHowie Holden, WB2AWQ
 W7TA TrusteePeter DeBay, KE7VSR
 KR7ENO Trustee.....Howie Holden, WB2AWQ
 Control OperatorPat Sheehan, W7DED
 HistorianJon Fox, KF7KTC
 Tech Team LeadJohn Byerly, N7ROJ
 MembershipAnthony Marcin, W7XM
 PIOGreg Krantz, NF6C
 VE Coordinator.....Bill Nichols, NN7K
 Meeting GreeterBill Jones, AE7OX
 Noon Net ManagerWes Vick, KG7QXE
 DMR Net ManagerAnthony Marcin, W7XM
 Reno Ham Swap.....Rob Dunbar, NB6C
 WebmasterErik Andreasen, K6CZH

Cracklin Static Publication

Editor: Howie Holden **WB2AWQ** - holden7471@msn.com

Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size or line spacing may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday of each month.

SNARS Wide Area Linked System

147.030 + PL 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 - PL 123.0	Lovelock, Fallon	Online
146.670 - PL 123.0	Winnemucca	Online
444.875 + PL 100.0	Yerington	Online
444.125 + PL 123.0	Reno Sparks	Offline

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Online
442.875 + CC 1	Sparks, Fernley, Fallon	Online
442.850 + CC 1	Carson City	Online
441.950 + CC 1	Fallon, Fernley	Online

Fusion Systems

146.610 - PL 123.0	Reno, Carson, Dayton	Online
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IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Online
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Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Online

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online



Online



Offline



Not Linked

Thank you to our Sponsors/Supporters



Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
 147.150 + PL123.0 – Lake Tahoe / Truckee
 147.210 + PL 100.0 - Reno
 444.875 + PL 100.0 - Yerington
 146.925 - 123.0 – Lovelock / Fallon
 146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of Northern Nevada and Eastern California. Radio Checks and Questions are welcomed.

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
 147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

Bishops Storehouse Net	Monday @ 9:15pm
N. Western NV ARES Net	Monday at 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on IRLP (GSR) System

Repeater: 147.300 + 123.0

Amateur Radio Newslne	Monday - 8:00PM
Nevada Skywarn Net	Wednesday - 7:00pm
Nevada State ARES Net	Thursday - 7:00PM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Week Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

**SNARS Weekly DMR Net – Tuesdays
8:00PM**

SNARS Talk Group 31328

Open to Members and Guests. A general information net each week on DMR.

SNARS CALENDAR

Ham Radio Night at the REOC Wednesday Sep 5, 6:00 PM
 Washoe REOC 5195 Spectrum Blvd Reno NV

QCWA Nevada Chapter meeting Saturday, Sep 8, 11:00AM
 Famous Dave's BBQ 4925 Keitzke Ln Reno NV

SNARS Board Meeting Wednesday Sep 12, 6 PM
 295 Los Altos Pkwy, Sparks, NV

Reno QRP monthly meeting Monday, Sep 17, 11:30 AM
 Alamo Casino Truck Stop in Sparks
 Contact Gordon WB6JAD for more information

Next SNARS Breakfast Meeting – Saturday Oct 6, 8 AM
 Boomtown Casino Hotel Events Center
 I-80 at Exit 4 in Verdi

WELCOME NEW MEMBERS

Mathew	Henderson	KI7YPF
Mary	Nunn	KI7VGI
Justin	Nunn	KI7VGJ
Patrick	Canning	NV7PC
Rick	Sanner	WA0VBV
Ronald	Russell	KG7OR



**Activate and Work all
17 counties in Nevada!**

Friday, Oct 12 - Sunday Oct 14

<http://nvqso.com>

For Information and Updates

THE NAME OF THE GAME

Jim Shepherd, W6US nvjims@gmail.com

Mountaintopping

You've always heard that the higher your antenna is, the better you will do making contacts. Well, there is an easy way to get your antenna higher, take your station to a mountain top.

There are lots of high points that are accessible by vehicles, and working remote stations from a comfortable seat with air conditioning with a mobile rig can be a pleasant way to spend the afternoon. Besides the height advantage your 'granite tower' affords you, the usual lack of radio noise found in remote places will allow you to work stations that you will never hear at your home QTH. The lack of noise is most noticeable on the HF bands.

Mountain tops provide the biggest advantage on the VHF-UHF bands. Suddenly, you have the same simplex 'footprint' as most of the repeaters and you can also work scores of repeaters that you cannot hit from your home in the valley. From Mt. Lewis just south of Battle Mountain, I have worked repeaters in Idaho, California, Utah and southern Nevada along with virtually all of the repeaters in northern Nevada.

While 'drive to' mountain tops are a great opportunity, they do have a few disadvantages. The roads to these summits are most likely there to allow access to communication sites. As a result there is a lot of RF that potentially can cause interference with your radio and there is a possibility that your equipment may also interfere with their operations, neither of which is good. Beware if you find an open gate on the road as a tech that has gone up to the site may return before you get down and lock you in... If you see that the open gate has the capability to be locked, it is best to find another location.

There are a large number of peaks that do not have roads to the top. Portable operation on these summits can be a lot of fun. Some only require a short stroll, while others are a little more difficult to access. There is an organization called Summits On The Air, SOTA, that administers an award program for activating and working those stations. They maintain a database of known summits worldwide and have set up the rules for successful contacts. Activating a new or rare summit can be as popular as a DXpedition to a wanted location. Contacts can be on any mode or band.

To qualify as a summit activation station, you must be a totally portable operation running on solar/battery/wind power (no fossil fuel generators) within 25 meters of the top of the summit. Walking a few feet away from the car with a handheld qualifies. You cannot use repeaters for contacts, but you can solicit contacts on them to move to a simplex frequency for the actual contact. Full rules, the summit database, and other information can be found at <https://www.sota.org.uk/>

Antennas can be simple and lightweight. Commercial antennas like the ELK, Arrow and Buddipole are popular, and simple wire antennas can also be quickly erected. Some of these antennas may need a small external tuner to get the best match. A lightweight lithium battery pack will do for the afternoon, and there are lightweight foldable solar panels that can keep them charged for longer periods of use. Don't forget the coax, RG58 or lighter cable with BNC or SMA connectors is fine for this application.

You will need some way to log your contacts. There are apps available for both Android and Apple smartphones and tablets, and some of the lighter laptops can fill the bill. A small spiral notebook and a couple of pencils will also work.

Most likely, if you are going to be portable, you will be using smaller, low power radios. For HF, the Elecraft KX2-KX3 are really popular, and there are a number of single band QRP rigs that can be used. On the VHF/UHF bands, most handhelds with spare batteries and an external antenna are all you need. Be sure to try your rig setup in the back yard before you go to make sure the screen is readable in full sunlight. A sunshade can help you on the hill while operating.

Coming up is the Nevada QSO Party, and this would be a good opportunity to do a mountain top expedition out to one of the rural areas and make a lot of folks happy with the contacts. CW and Digital contacts will be especially welcome from those rarer counties and there are a number of summits and high points that are reachable even with motorhomes for a comfortable operation. There will be a lot of activity on the bands as well as on the repeaters for this contest.

There is a lot of good weather to be had as we are going into fall. This is a good time to get out in the Nevada and activate some mountain tops on Ham Radio!

WHAT EARLY NOVICES USED

chapter three

Back in the early Novice era there were very few transceivers, only separates. So...along with a transmitter, one needed a receiver. The same money constraints were there, meaning most Novice receivers were low end, budget types. The major receiver manufacturers of the day were Hallicrafters, Hammarlund, Heathkit, and National. There were also a slew of small makers. Each major had at least one lower end receiver (Hallicrafters had a ton and was the low price leader). Typically, the budget receivers were general coverage, with bandspread calibrated to the ham bands. Additional features were few, and a Novice had to rely on his ears to do much of the receiving work of sorting signals.



Hallicrafters S38 General coverage, .54 to 32 Mhz in four bands, bandspread, AM/CW, no RF amp stage, transformerless, AC/ DC 110V operation (considered unsafe today). \$40 to \$55, sold from 1946 to 1961



National NC-57 General coverage .54 to 55 Mhz in 5 bands, bandspread, AC transformer power supply or batteries, has RF amp stage, can use National's Select-O-Ject signal processor. \$90 - \$100, sold from 1947 to 1951



Hammarlund HQ-129X General coverage, .54 to 31 Mhz in 6 bands, bandspread, AM/CW, rudimentary crystal filter, RF amp stage, 3 IF stages, S-meter, AC 110V. \$139 to \$239, sold from 1946 to 1953. A top line Novice receiver, also suitable for the serious operator.



Heathkit HR-10. One of the very few ham-bands only receivers in the Novice price range, and one of the few available in kit form, this was the mate to the DX-60 transmitter. 80 to 10 meters, 5 bands, RF stage, S-meter, rudimentary crystal filter, AC 110-130V. \$75 to \$99, sold from 1961 to 1975?



U.S. Army Signal Corps BC-348, surplus from WW2, 200 to 500 KHz and 1.5 to 18 Mhz in 5 bands, no bandspread but very slow tuning. Crystal filter. RF amp stage, 3 IF stages. Ran on 24VDC, other variants on 12VDC, some with AC supply. Available surplus after early 1950s. Sold for as low as \$17, usually in the \$40 range. Required some work to be suitable for Amateur use.

NEXT MONTH: HOMEBREW and TRANSEIVERS

SNARS LOGO ITEMS

This year we are celebrating our 50th year by providing many ways to commemorate this occasion by imprinted our 50th



Stickers \$1.00 Each



16oz Coffee Mugs \$8.00



Hats \$10.00



Club Badge \$15.00

Order at
<http://snars.org/store/badge-order>

Items are available at the monthly meetings, events or online (coming soon) <http://snars.org/store>

MIKE'S MISSIVES CHAPTER THIRTY EIGHT

Mike Katz, N7MSK

PART 97 – Prohibited Communications

Certain communications are always prohibited [97.113(a)(4)]. You may never intentionally transmit music or obscene or indecent words or language on the amateur frequencies. You must not use the amateur frequencies in connection with any criminal activity. You may not transmit information via Amateur Radio in a code or cipher that obscures or hides the meaning of a transmission. False or deceptive messages or station identification are also prohibited. These prohibitions are clear and precise, and the FCC seriously enforces them.

Communications, on a regular basis, that could be reasonably be furnished using another radio service are also prohibited [97.113(a)(5)]. For example you might help out your local firefighters during an emergency, but they need to rely on authorized public safety frequencies and radios for their day-to-day operations.

* * * * *

NAME THAT RIG



(Answer on page 8)

RENO AND CARSON CITY MEET-UPS AND FALL SWAP- MEET CANCELLED

The Reno and Carson City Meet-Ups are cancelled until further notice. The last Reno one had only 3 members show up and the Carson one had no one show up. Also, the room for the Carson Meet-Up had not been reserved, and there is now another group signed up for the third Wednesday for the next few months. The Fall SNARS Swap Meet is also cancelled.

Jim W6US nvjims@gmail.com

FUN STUFF FOR SEPTEMBER

September offers many events, and five are NCJ or ARRL-sponsored, (shown in bold) thus possibly qualifying for the ARRL Gavel Award:

8 Sep 1800 10 Sep 0300 50 and up ARRL September VHF Contest CW Ph Dig www.arrl.org/september-vhf

9 Sep 0000 9 Sep 0400 3.5-14 North American Sprint, CW ncjweb.com

15 Sep 0600 16 Sep 2359 10 GHz to light ARRL 10 GHz and Up Contest CW Ph Dig www.arrl.org/10-ghz-up

16 Sep 0000 16 Sep 0400 3.5-14 North American Sprint, RTTY Dig ncjweb.com

23 Sep 1300 26 Sep 0800 1.8-144 Classic Exchange, CW www.classicexchange.org

29 Sep 0000 30 Sep 2359 2.3 GHz and up ARRL EME Contest CW Ph Dig www.arrl.org/eme-contest

29 Sep 0000 30 Sep 2359 3.5-28 CQ Worldwide DX Contest, RTTY Dig www.cqwwrtty.com

30 Sep 1300 3 Oct 0800 1.8-144 Classic Exchange, Phone www.classicexchange.org

A complete list of contests is available at:

<http://www.arrl.org/files/file/Contest%20Corral/2018/September%202018%20Corral.pdf>

If you're not into contests, there's always DX to chase, and September has some great ones, scattered around the globe but heavy on Africa! Some of the better DX operations coming up in September:

Sep 01 to Sep 10 **Kyrgyzstan EX0PL**

Sep 05 to Sep 18 **French Guiana FY**

Sep 14 to Sep 14 **Bhutan A5A**

Sep 12 to Oct 01 **East Kiribati T32AH**

Sep 14 to Sep 23 **Maldives 8Q7EC**

Sep 15 to Sep 27 **Vietnam 3W9JK**

Sep 16 to Sep 28 **eSwatini 3DA0AO**

Sep 17 to Sep 26 **Malawi 7Q7ELA**

Sep 19 to Sep 30 **Maldives 8Q7IP**

Sep 21 to Oct 06 **Mayotte TO6OK**

Sep 26 to Oct 10 **Rwanda 9X0T**

Sep 29 to Oct 06 **Christmas I VK9XT**

For details and a complete list of announced DX operations, visit: <http://www.ng3k.com/Misc/adxo.html>

For some non-contest, non-DX fun things, try these:

The ARRL International Grid Chase is on! All about it at: <http://www.arrl.org/international-grid-chase-2018>

NAME THAT RIG (from pg 7)

E.F. Johnson was one of the most popular manufacturers of Amateur transmitters and amplifiers in the 50s and 60s. Most of their line was available in kit form, meaning you could significantly cut the cost of ownership of some very desirable gear simply by building it yourself. The **Viking Courier** linear amplifier was no exception. For the princely sum of \$290 in the late 50s, you got a 500 watt input amplifier that actually could tune continuously from 3.5 to 30 Mhz, self-contained, modestly sized, and ran nicely on 115VAC. Using a pair of 811A tubes (which have been around since the early 40s, and still available from several sources, both NOS and new production) the circuit was tried and tested, TVI-proofed, very simple and reliable. With the continuous tuning, it would be solidly practical even today as it will easily tune all the WARC bands as well as the original 80-10 meter bands. Drive requirements were as low as 5 watts, meaning it would do nicely on many of today's QRP rigs. For some reason, however, it was not all that popular, and relatively few remain today. They are VERY collectible, and easily restorable to solid operation.

EDITOR'S NOTE: Last month, when I used the HF Signals uBitX for the "Name That Rig", little did I know that QST did a review on it in their August issue, as I hadn't looked at mine yet. If you'd like to see a detailed evaluation of it, check out the August QST.



Nevada QSO Party Oct 12 - 14 2018

The Sierra Nevada Amateur Radio Society is proud to present the Nevada QSO Party which will be an annual event on the second full weekend in October. This year it will start at **2000 hours Nevada time (PDST) on Friday, October 12 (0300z 10/13/2018) and run until 1400 on Sunday, October 14 (2100z 10/14/2017)**

The objective of this contest is to activate and work all 17 of the counties in Nevada. Nevada stations will work anyone, anywhere, and out of state stations will work Nevada Stations. All stations may be worked up to three times on each HF band and once on the VHF+ frequencies. Rovers in Nevada and the two other states, Arizona and Pennsylvania, can be worked again when they change counties.

The VHF+ band will consist of all legal frequencies from 50 MHz up to 1300 MHz. In order to bring a lot of new hams into contesting, we are allowing the use of repeaters on these frequencies. There are linked systems which will allow out of state contacts. All modes will be allowed with the exception of the WSJT modes.

On the HF side, Phone, CW, and Digital modes will add multipliers to the QSO points. All conversational digital text modes are allowed with all counting the same. Currently the WSJT modes do not have a contest exchange message that is handled as a valid regular message, so those modes are not allowed. (This may be changed if this is added to the WSJT modes in the future)

Logging software from N1MM, N3FJP, and WriteLog will have the ability to work on this contest. For those that are using paper and pencil or some other logging method that does not produce a Cabrillo file, we also have the WA7BNM Cabrillo log maker which will allow you to build a Cabrillo file. All entries over 10 contacts must submit an electronic Cabrillo log.

We also have a sign-up form to allow stations to sign up for the counties which they will activate and what modes they will be using. We are going to try and get operators out in all counties and have all modes covered. Please use this form if you are going to be operating in Nevada.

The complete rules are listed under the "Rules" tab above. Please read the FAQs for additional information.

We are looking forward to your participation in this contest!

Information Subject to Change. Please visit this site often and pass the word onto your friends!

WWW.NVQSO.COM

PACIFICON 2018

ARRL Pacific Division Ham Radio Convention
Produced by the Mount Diablo Amateur Radio Club



Outstanding
Technical Forums

Saturday Banquet
with Keynote Speaker

Sunday Digital
Academy



Latest
Ham Radio
Equipment for Sale

One Day
Technician License
Prep Class

Ham License Testing



ARRL PACIFIC DIVISION HAM RADIO CONVENTION

"Sounds Like Fun"

Produced by the Mt. Diablo Amateur Radio Club

October 19, 20 & 21, 2018
San Ramon Marriott
2600 Bishop Drive
San Ramon, California 94583

**GENERAL ADMISSION:
\$25 IN ADVANCE - FOR ALL 3 DAYS!**

*Tickets at the door will cost \$30; 17 years old & under are free;
College Students with valid student ID (25 & under): \$5*

*** Some events are additional ***

If you need hotel accommodations
either call Marriott Hotel Reservations at
925-867-9200 by Sept 19, 2018 (per availability)
to ask for the Special Pacificon rate of \$138/night,
or reserve your room on-line at www.pacificon.org

**Go to the Pacificon Website for
Events - Schedules - Registration
WWW.PACIFICON.ORG**

*** Events are subject to change – check website ***



Ham Instructor
Academy

Sunday Swap Meet

Kit Building

Sunday
Ham Radio 101 & 201



All Day Friday
Antenna Seminar

Saturday Breakfast
with Gordon West

Special Events Station
Get-On-The-Air



ARES NEWS

ANNUAL COMMUNICATIONS CALENDAR 2018

EVENT 2018	DATE	DATE END	SPONSOR/ORGANIZER	COORDINATOR	CONTACT
Round Valley Walk/Run	TBD		Plumas ARC	Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Tour De Tahoe	9/9/18		Tahoe Amateur Radio Assn	Paul McCaffee KI6OCB	paul.mcafee6243@gmail.com
Reno Air-Races	9/12/18	9/16/18	WC-ARES	Rick Russell KF7KEM	wa6mtty@gbis.com
Edible Pedal 100	9/16/18		Sunrise Rotary Club	Bob Miller WA6MTY	wa6mtty@gbis.com
Grinduro SBTS	TBD		Plumas ARC	Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Nevada Day Parade	10/27/18		NV AREA NW DEC	John Abrott KD7NHC	jabrott77@gmail.com , cell 775 790-1739.
Indian Valley Leaf Peepers	TBD		Plumas ARC	Larry Trotter KI6YUK	dltrotter@sbcglobal.net

NOTE: Plumas ARC always have a need for operators. Go over to some beautiful country and help out the Plumas Amateur Radio Club

September 12th through the 16th is the Reno Air Races. <https://airrace.org/>

If you and your friends would like to attend the Races, and have the time to volunteer 15 hours (three 5 hour shifts) you will have FULL access to everything, FREE Parking included, access to the entire event, almost a \$500 value.

Contact me and I will add you to the list.

Bob WA6MTY
wa6mtty@wcares.us

Summer is thunderstorm season, but when National Weather Service (NWS) activates the SKYWARN Team, and we put out a call for severe weather reports, many times there is no one on frequency. So, if there isn't any lightning, and there is a cell above you, turn your radio on and listen for SKYWARN. Just because there is a storm doesn't always mean the Meteorologists will activate us, but we will work on that.

Below are the counties in the Reno NWS region and the repeaters that we can access from the NWS.

COUNTY	REPEATER	COUNTY	REPEATER	COUNTY	REPEATER	COUNTY	REPEATER
Alpine, Ca	147.33	Douglas	147.33	Pershing	147.03	Washoe	147.15
	146.94		147.27		147.18		147.21
	147.24		147.24	Placer, Ca	147.24		147.03
	147.27		146.865	Plumas, Ca	147.15		147.18
	146.865	Eldorado, Ca	147.24		147.21		146.61
Churchill	147.15	Lassen, Ca	147.18	Sierra, Ca	147.15		147.39
	147.21				147.33		
	147.03	Lyon	146.97	Storey	147.15	EchoLink and IRLP	146.895
	147.18		146.61		147.21		147.3
	146.97		147.15		147.03	DMR	TALK GRPS
Carson City	146.61	Mineral			147.18		
	146.94	Modoc, Ca			146.61		
	147.39	Mono, Ca			147.39		
	147.27	Nevada, Ca	147.15		146.85		



Board of Directors Meeting

August 8, 2018 – 6:00 PM

Blind Onion, Sparks, NV

DRAFT MINUTES - To Be Approved on August 8, 2018

1. Call to order at 6:00 PM

Anthony Marcin, W7XM	Yes	Barry Bettman, K6ST	Yes	Rob Dunbar, NB6C	No
Bill Jones, AE7OX	Yes	John Byerly, N7ROJ	No	Wes Vick, KG7QXE	Yes
Jim Shepherd, W6US	Yes				

2. Approval of Minutes

- A. Approval of minutes of the June Board of Directors Meeting. Wes & Tony
- B. Approval of Agenda. Wes & Jim

3. Reports

A. President's Report

- a. Moved to Vegas, Status of position Will continue until end of December will hand over control of various functions like web and financial controls to other board members.

B. Secretary Report

- a. Status Report No report, Tony reported 4 new members since the start of the month

C. Membership Coordinator

- a. Membership Status - Report Tony will be working with Kim Farnham on this.

D. Treasurer

- a. Financial Report
- b. Checking: _5738_ Savings: _5773_ Paypal: _5657_ Conv: _6744_ Self-Ins: _1541_
- c. Total -- \$26,463

E. Technical Team - Report

- a. Status Virginia Peak is back up on commercial power.

F. Control Operators / Trustee - Report No report

G. Events

- a. Nevada QSO Party Still need the scoring software.
- b. NVCON recap 948 attendees, 22 vendors, 30 speakers, HRO has already committed for next year. Glen Hale is being added to committee to represent ARES.

c. Field Day 2018 recap 3404 final score, one more QSO than last year.

H. Education Team

a. Status Report We need a new Manager for the education programs.

b. Youth involvement UNR radio club is now active.

I. Noon Net

Status Report Happy to have VA Peak back up to connect across the state.

4. New Business

Picnic Put off to next year as no one stepped up to help.

Elections Nominations for board members are coming in.

5. Next Meeting

September 12, 2018, Location TBA.

6. Public Comments

Open for Comments none

7. Adjournment

Wes & Barry